IV. AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A cradle, used for a receiving terminal having a first antenna for receiving a carrier wave convoluted with a signal, a reproducing means for reproducing the signal received through the first antenna and a first output terminal for outputting the reproduced signal, comprising:

a mounting portion ~~to~~ on which the receiving terminal is detachably ~~attached~~ mounted;

an external antenna for receiving the carrier wave;

a transmitting antenna disposed opposite to the first antenna of the receiving channel, ~~an interface portion~~ for transmitting the signal received through the external antenna to the receiving terminal mounted on the mounting portion;

a first input terminal capable of being connected to the first output terminal of the receiving terminal mounted on the mounting portion; and

a second output terminal for outputting the received signal inputted from the first input terminal.

2. (Currently Amended) The cradle as set forth in claim 1,

wherein the receiving terminal has a reproduced ~~received~~ signal providing means for providing the reproduced received signal to an user; and

wherein the cradle has:

means for causing the receiving terminal to shift from a first mode to a second mode when the receiving terminal is mounted on the mounting portion, the first mode being for providing the user with the received signal by using the reproduced signal providing means, the second mode being having the reproduced signal be capable of being output from the second output terminal.

3. (Currently Amended) The cradle as set forth in claim 2,

wherein the reproduced ~~received~~ signal providing means is means for displaying the received signal reproduced by the reproducing means.

4. (Currently Amended) The cradle as set forth in claim 2,

wherein the reproduced ~~received~~ signal providing means is means for outputting the received signal reproduced by the reproducing means as an audible sound.

5. (Canceled)

6. (Original) The cradle as set forth in claim 1,

wherein the second output terminal is capable of being connected to an external device having at least an indicator and means for outputting a control signal for controlling the receiving terminal,

wherein the cradle has:

a second input terminal for inputting the control signal transmitted from the external device; and

a transmitting means for transmitting the control signal inputted through the second input terminal to the receiving terminal mounted on the mounting portion.

7. (Original) The cradle as set forth in claim 1, further comprising:

a receiving portion for receiving the control signal which is transmitted from a remote controller to control the receiving terminal; and

a control signal transmitting means for transmitting the received control signal to the receiving terminal mounted on the mounting portion.

8. (Original) The cradle as set forth in claim 1, further comprising:

a power source inputting portion for being connected to an external direct current power source; and

a power source supplying portion for supplying the direct current power to the receiving terminal mounted on the mounting portion.

9. (Currently Amended) A receiving terminal which is capable of being detachably mounted on a mounting portion of a cradle having an external antenna for receiving the carrier wave convoluted with a signal, transmitting portion for transmitting the signal received through the external antenna to the receiving terminal mounted on the mounting portion and a power source supplying portion for supplying power to the receiving terminal mounted on the mounting portion, comprising:

a ~~first~~ built-in antenna for receiving the carrier wave convoluted with a signal;

a receiving portion for receiving the signal transmitted from the transmitting portion of the cradle;

first shifting means for shifting the receiving terminal from a first mode to a second mode when the receiving terminal is mounted on the mounting portion, the first mode being for receiving the carrier wave by the built-in antenna, the second mode being for receiving the signal by the receiving portion through the external antenna;

a battery for supplying the power to the receiving terminal instead of the power source supplying portion of the cradle when the receiving terminal is demounted from the mounting portion;

a decoding means for decoding the signal received through the ~~first~~ built-in antenna in the first mode and the signal received through the receiving portion in the second mode; and

~~a decoding restricting means for restricting decoding by the decoding means;~~

a reproducing means for reproducing the received signal decoded by the decoding means~~; and~~

~~an outputting means for outputting the received signal decoded by the decoding means~~.

10. (Currently Amended) The receiving terminal as set forth in claim 9, further comprising:

~~wherein the receiving terminal is capable of being attached to a mounting portion of a cradle to which the receiving terminal is detatchably attached;~~

an outputting means for outputting the received signal decoded by the decoding means;

a reproduced signal providing means for providing the received signal reproduced by the reproducing means; and

~~wherein the cradle has:~~

~~a reproduced received signal providing means for providing the received signal reproduced by the reproducing means; and~~

second shifting means for ~~causing~~ shifting the receiving terminal ~~to shift~~ from a ~~first~~ third mode to a ~~second~~ forth mode, when the receiving terminal is mounted on the mounting portion, the ~~first~~ third mode for ~~being~~ providing the user with the ~~received~~ reproduced signal by using the reproduced signal providing means; the ~~second~~ forth mode ~~being~~ having the reproduced signal be capable of being output ~~from~~ by using the ~~second output terminal~~ outputting means.

11. (Currently Amended) The receiving terminal as set forth in claim 10,

the reproduced ~~received~~ signal providing means is means for displaying the received signal reproduced by the reproducing means.

12. (Currently Amended) The receiving terminal as set forth in claim 10,

the reproduced ~~received~~ signal providing means is means for outputting the received signal reproduced by the reproducing means as an audible sound.

13. (Currently Amended) The receiving terminal as set forth in claim 9, further comprising:

a ~~controlling~~ control signal inputting means for inputting the controlling signal from outside the receiving terminal.

14. (Currently Amended) The receiving terminal as set forth in claim 13,

wherein the ~~controlling~~ control signal includes a brake signal of a vehicle capable of being equipped with the receiving terminal; and,

wherein the receiving terminal has:

a restricting means for restricting reproduction by the reproducing means or the output of the reproduced signal by the outputting means according to the brake signal included in the controlling signal inputted by the controlling signal inputting means.

15. - 18. (Canceled)

19. (New) The receiving terminal as set forth in claim 9,

wherein the power is charged to the battery from the power source supplying portion when the receiving terminal is mounted on the mounting portion.

20. (New) A receiving system including a cradle and a receiving terminal,

wherein the cradle has:

a mounting portion on which the receiving terminal is detachably mounted an external antenna for receiving a carrier wave convoluted with a signal;

a transmitting means for transmitting the signal received through the external antenna to the receiving terminal mounted on the mounting portion;

a first input terminal capable of receiving a signal from the receiving terminal mounted on the mounting portion; and

a first output terminal for outputting the received signal inputted from the first input terminal to an external device, wherein the receiving terminal has:

a built-in antenna for receiving the carrier wave convoluted with a signal;

a receiving means for receiving the signal transmitted from the transmitting portion of the cradle through the external antenna; first shifting means for shifting the receiving terminal from a first mode to a second mode when the receiving terminal is mounted on the mounting portion, the first mode being for receiving the carrier wave by the built-in antenna, the second mode being for receiving the signal by the receiving means through the external antenna;

a decoding means for decoding the signal received through the built-in antenna or the receiving portion; and

a reproducing means for reproducing the received signal decoded by the decoding means.; and

a second output terminal for outputting the received signal decoded by the decoding means to the first input terminal of the cradle.

21. (New) The receiving system as set forth in claim 20,

wherein the receiving terminal has:

a reproduced signal providing means for providing the reproduced signal to an user; and

second shifting means for shifting the receiving terminal from a third mode to a fourth mode when the receiving terminal is mounted on the mounting portion, the third mode for providing the user with the reproduced signal by using the reproduced signal providing means, the fourth mode for having the reproduced signal be capable of being output from the second output terminal to the first input terminal of the cradle.

22. (New) The receiving system as set forth in claim 21,

the reproduced signal providing means is means for displaying the received signal reproduced by the reproducing means.

23. (New) The receiving system as set forth in claim 21,

the reproduced signal providing means is means for outputting the received

signal reproduced by the reproducing means as an audible sound.

24. (New) The receiving system as set forth in claim 20,

wherein the receiving terminal has a control signal inputting means for inputting the control signal from the cradle.

25. (New) The receiving system as set forth in claim 24,

wherein the control signal includes a brake signal of a vehicle capable of being Equipped with the receiving terminal, and

wherein the receiving terminal has a restricting means for restricting reproduction by the reproducing means or the output of the reproduced signal from the second output terminal according to the brake signal included in the control signal inputted by the control signal inputting means.

26. (New) The receiving system as set forth in claim 24,

wherein the first output terminal is capable of being connected to the external device having at least an indicator and means for outputting a control signal for controlling the receiving terminal,

wherein the cradle has:

a second input terminal for inputting the control signal transmitted from the external device; and

a control signal transmitting means for transmitting the control signal inputted through the second input terminal to the control signal inputting means of the receiving terminal mounted on the mounting portion.

27. (New) The receiving system as set forth in claim 24,

wherein the cradle has:

a control signal receiving means for receiving the control signal which is transmitted from a remote controller to control the receiving terminal; and

a control signal transmitting means for transmitting the received control signal to the control signal inputting means of the receiving terminal mounted on the mounting portion.

28. (New) The receiving system as set forth in claim 20,

wherein the receiving terminal has a battery, and

wherein the cradle has:

a power source inputting portion for being connected to an external direct current power source; and

a power source supplying portion for supplying the direct current power to the battery of the receiving terminal mounted on the mounting portion.